

EPA REGION 6 REMEDIAL ACTION CONTRACT 2 CONTRACT: EP-W-06-004 MONTHLY STATUS REPORT **VOUCHER NO. 110**

REDACTED VERSION

| Task Order: | 0100-RSBD-06A3 | Report Period: | February 2015 |
|---------------------------------|----------------|--------------------------|------------------|
| Task Order Name: | Arkwood, Inc. | Firm: | EA |
| EPA Task Order Monitor: | Stephen Tzhone | Tasks: | 1 |
| EPA Contracting Officer: | Michael Pheeny | Percent Complete: | 58.3% |
| EPA Project Officer: | Rena McClurg | Period-of-Performance: | 20 November 2015 |
| EA Program Manager: | Tim Startz | EA Project Manager (PM): | Ted Telisak |
| EA Financial Manager: | | EA Alternate PM: | |

1. INTRODUCTION

This report covers the period 31 January – 27 February 2015.

During this report period, EA Engineering, Science, and Technology, Inc., PBC (EA) conducted activities under Task 1 of this Task Order. The specific activities conducted under these tasks are summarized below. The percent complete estimate is based on cumulative costs incurred versus authorized funding of the Task Order.

2. PROGRESS MADE DURING THIS REPORT PERIOD

2.1 TASK 1 – PROJECT PLANNING AND SUPPORT

The EA Project Manager: (1) communicated project status to the U.S. Environmental Protection Agency (EPA) Task Order Monitor (TOM), (2) coordinated staffing of technical support, (3) conducted routine budgeting and cost control activities, and (4) prepared the monthly status report.

On 17 February 2015, the PM provided the TOM with a marked-up drawing indicating the contaminant concentrations found in the samples collected by EA in October 2014. The formal delivery of the data will occur when EA's Data Evaluation Summary Report is submitted to EPA, after the potentially responsible party (PRP) data are obtained.

On 20 February 2015, EA submitted the monthly status report and invoice for this Task Order to EPA.

TASK 2 – COMMUNITY INVOLVEMENT 2.2

This task had no activity.



2.3 TASK 3 – FIELD INVESTIGATION/DATA ACQUISITION

This task had no activity.

2.4 TASK 4 – SAMPLE ANALYSIS

This task had no activity.

2.5 TASK 5 – ANALYTICAL SUPPORT AND DATA VALIDATION

This task had no activity.

2.6 TASK 6 – DATA EVALUATION

EA used validated Contract Laboratory Program data to calculate Toxicity Equivalents and determined that the laboratory results confirmed expectations about the dioxin concentrations in the soil.

2.7 TASK 7 -RISK ASSESSMENT

This task had no activity.

2.8 TASK 8 – TREATABILITY STUDY/PILOT TESTING

This task had no activity.

2.9 TASK 9 – REMEDIAL INVESTIGATION REPORT

This task had no activity.

2.10 TASK 10 – REMEDIAL ALTERNATIVES SCREENING

This task is currently inactive.

TASK 11 – REMEDIAL ALTERNATIVES EVALUATION 2.11

This task is currently inactive.

2.12 TASK 12 – FEASIBILITY STUDY REPORT

This task had no activity.

TASK 13 – POST REMEDIAL INVESTIGATION/FEASIBILITY STUDY 2.13 **SUPPORT**

This task had no activity.

2.14 TASK 14 – ADMINISTRATIVE RECORD

This task is currently inactive.

2.15 TASK 15 – TASK ORDER CLOSEOUT

This task had no activity.

3. PLANNED, START, COMPLETION DATES FOR EACH TASK ORDER TASK

| Planned Start Date* | Actual Start Month* | Month of Completion | Percent Technically Complete | |
|------------------------|--|---|---|--|
| May 2014 | May 2014 | | 10 | |
| PRP Dependent | | | 0 | |
| PRP Dependent | October 2014 | | 20 | |
| PRP Dependent | | | 0 | |
| PRP Dependent | | | 0 | |
| PRP Dependent | December 2014 | | 5 | |
| PRP Dependent | May 2014 | | 5 | |
| PRP Dependent | | | 0 | |
| PRP Dependent | | | 0 | |
| Inactive | Inactive | Inactive | Inactive | |
| Inactive | Inactive | Inactive | Inactive | |
| PRP Dependent | | | 0 | |
| PRP Dependent | | | 0 | |
| Inactive | Inactive | Inactive | Inactive | |
| November 2015 | | | 0 | |
| | Start Date* May 2014 PRP Dependent Inactive PRP Dependent PRP Dependent Inactive PRP Dependent PRP Dependent Inactive Inactive Inactive Inactive | Start Date*Start Month*May 2014May 2014PRP DependentPRP DependentOctober 2014PRP DependentPRP DependentDecember 2014PRP DependentMay 2014PRP DependentPRP DependentInactiveInactiveInactiveInactivePRP DependentPRP DependentInactiveInactiveInactiveInactiveInactiveInactive | Start Date* Start Month* Completion May 2014 PRP Dependent PRP Dependent PRP Dependent PRP Dependent PRP Dependent May 2014 PRP Dependent PRP Dependent Inactive Inactive Inactive Inactive Inactive Inactive PRP Dependent PRP Dependent Inactive Inactive Inactive | |

NOTE:

4. DELIVERABLES

| Deliverable | Estimated Due Date | Actual Submittal Date |
|---|---|---|
| Monthly Status Report and Invoice | 20 February 2015 | 20 February 2015 |
| Site Visit | 28 March 2014 | 4 March 2014 |
| Work Plan | 30 days following receipt of EPA Statement of Work (28 March 2014) | 26 March 2014 (2 days ahead of schedule) |
| Document Decisions from Meetings, Calls with EPA TOM | 5 days following meeting or call | |
| Health and Safety Plan | 21 days following approval of Remedial Investigation/Feasibility Study oversight Work Plan (2 June 2014) | 2 June 2014 |

^{*}The planned and actual start dates for scoped tasks are dependent on PRP activities.

PRP = Potentially responsible party

| Deliverable | Estimated Due Date | Actual Submittal Date | |
|---------------------------------------|---|-----------------------|--|
| Sampling and Analysis Plan (SAP) | 21 days following receipt of | | |
| Quality Assurance Project Plan (QAPP) | Potentially Responsible Party (PRP) | 1.01 2014 | |
| and Field Sampling Plan (FSP) | Final SAP, QAPP, and FSP | 1 October 2014 | |
| 1 0 | (30 October 2014) | | |
| Fact Sheets | As needed | | |
| Public Meeting Support Materials | 1 week prior to scheduled meeting | | |
| Field Reports | 2 days following week of field activities | | |
| _ | (28 October 2014) | 28 October 2014 | |
| | (4 November 2014) | 4 November 2014 | |
| | (25 November 2014) | 4 December 2014 | |
| Field Investigation Summary Report | 20 days following receipt of the end | | |
| | of all field investigation data | | |
| Data Evaluation Summary Report | 20 days following validation | | |
| | of analytical results | | |
| Comments on PRP Draft Human Health | 20 days following receipt | | |
| Risk Assessment (HHRA) Report | of PRP Draft document | | |
| Comments on PRP Final HHRA Report | 15 days following receipt | | |
| _ | of PRP document | | |
| Comments on Screening Level | 15 days following receipt | | |
| Ecological Risk Assessment (ERA) | of PRP document | | |
| Comments on Ecological Problem | 20 days following receipt | | |
| Formulation Report/Work Plan | of PRP document | | |
| Comments on PRP Draft ERA Report | 20 days following receipt | | |
| | of PRP Draft document | | |
| Comments on PRP Final ERA Report | 15 days following receipt | | |
| | of PRP document | | |
| Comments on PRP Treatability Study | 20 days following receipt | | |
| Work Plan | of PRP Work Plan | | |
| Treatability Study Field Oversight | 2 days following every week | | |
| Reports | of field activities | | |
| Comments on PRP Treatability Study | 20 days following receipt of PRP | | |
| Evaluation Report | Treatability Study Evaluation Report | | |
| Comments on PRP Draft Remedial | 20 days following receipt | | |
| Investigation (RI) Report | of PRP Draft document | | |
| Comments on PRP Final RI Report | 15 days following receipt | | |
| | of PRP document | | |
| Comments on PRP Draft Feasibility | 20 days following receipt | | |
| Study (FS) Report | of PRP Draft document | | |
| Comments on PRP Final FS Report | 15 days following receipt | | |
| | of PRP document | | |
| Task Order Closeout Report | As directed in the Task | | |
| | Order Closeout Notification | | |

5. SCHEDULE VARIANCES/CORRECTIVE ACTIONS TAKEN AND PLANNED

| Description of Schedule Variances | Due Date | Execution Date | Corrective Actions |
|--------------------------------------|----------|----------------|--------------------|
| None | | | |

| | 6 | OUTSTA | ANDING | ISSUES/RESOLUTION |
|--|---|--------|--------|-------------------|
|--|---|--------|--------|-------------------|

| None. |
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7. PROJECTED ACTIVITY DURING NEXT PERIOD

During the next report period, EA anticipates performing the following activities:

Task 1

• Conduct routine project management activities.

Task 6

• Continue preparation of the Data Evaluation Summary Report, once PRP data are made available.

8. SUSTAINABILITY/GREEN REMEDIATION

EA conducts correspondence via e-mail and, when acceptable, will provide submittals in electronic format in order to reduce the use of resources. Hard copies of deliverables submitted to EPA are double-sided and printed on recycled paper.

9. SUBCONTRACTING

10. PURPOSE OF TRAVEL

None.















